



IPW

## TRANSMITTAL FORM

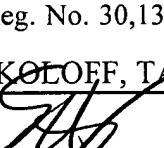
(to be used for all correspondence after initial filing)

|  |    |                        |               |
|--|----|------------------------|---------------|
|  |    | Application No.        | 10/618,542    |
|  |    | Filing Date            | July 11, 2003 |
|  |    | First Named Inventor   | Haeng Sook RO |
|  |    | Art Unit               | 2821          |
|  |    | Examiner Name          | A, Minh D.    |
| Total Number of Pages in This Submission | 10 | Attorney Docket Number | 51876P349     |

### ENCLOSURES (check all that apply)

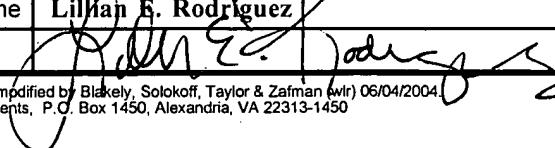
|  |   |  |   |
|--|---|--|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form<br><br><input type="checkbox"/> Fee Attached<br><br><input checked="" type="checkbox"/> Amendment / Response<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><br><input type="checkbox"/> Extension of Time Request<br><br><input type="checkbox"/> Express Abandonment Request<br><br><input type="checkbox"/> Information Disclosure Statement<br><input type="checkbox"/> PTO/SB/08<br><br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><br><input type="checkbox"/> Response to Missing Parts/ Incomplete Application<br><input type="checkbox"/> Basic Filing Fee<br><input type="checkbox"/> Declaration/POA<br><br><input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><br><input type="checkbox"/> Licensing-related Papers<br><br><input type="checkbox"/> Petition<br><br><input type="checkbox"/> Petition to Convert a Provisional Application<br><br><input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address<br><br><input type="checkbox"/> Terminal Disclaimer<br><br><input type="checkbox"/> Request for Refund<br><br><input type="checkbox"/> CD, Number of CD(s) | <input type="checkbox"/> After Allowance Communication to Group<br><br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><br><input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)<br><br><input type="checkbox"/> Proprietary Information<br><br><input type="checkbox"/> Status Letter<br><br><input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):<br><br><div style="border: 1px solid black; height: 40px; width: 100%;"></div> |   |
|  |   |  | <input type="checkbox"/> Drawing(s)   |
|  |   |  | <input type="checkbox"/> Licensing-related Papers                                       |
|  |   |  | <input type="checkbox"/> Petition   |
|  |   |  | <input type="checkbox"/> Petition to Convert a Provisional Application                  |
|  |   |  | <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address |
|  |   |  | <input type="checkbox"/> Terminal Disclaimer  |
|  |   |  | <input type="checkbox"/> Request for Refund   |
|  |   |  | <input type="checkbox"/> CD, Number of CD(s)  |
|  |   |  | Remarks   |

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

|                         |   |
|-------------------------|---|
| Firm or Individual name | Eric S. Hyman, Reg. No. 30,139<br><br><b>BLAKELY, SOKOLOFF, TAYLOR &amp; ZAFMAN LLP</b> |
| Signature               |      |
| Date                    | December 21, 2004   |

### CERTIFICATE OF MAILING/TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

|                       |   |
|-----------------------|---|
| Typed or printed name | Lillian E. Rodriguez  |
| Signature             |  |
| Date                  | December 21, 2004   |

Based on PTO/SB/21 (04-04) as modified by Blakely, Sokoloff, Taylor & Zafman (wlr) 06/04/2004.  
 SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450



# FEET TRANSMITTAL for FY 2005

Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27.

**TOTAL AMOUNT OF PAYMENT** (\$)  
0.00

## Complete if Known

|                      |               |
|----------------------|---------------|
| Application Number   | 10/618,542    |
| Filing Date          | July 11, 2003 |
| First Named Inventor | Haeng Sook RO |
| Examiner Name        | A. Minh D.    |
| Art Unit             | 2821          |
| Attorney Docket No.  | 51876P349     |

## METHOD OF PAYMENT (check all that apply)

Check  Credit card  Money Order  None  Other (please identify): \_\_\_\_\_

Deposit Account Deposit Account Number: 02-2666 Deposit Account Name: Blakely, Sokoloff, Taylor & Zafman LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below  Charge fee(s) indicated below, except for the filing fee  
 Charge any additional fee(s) or underpayment of fee(s)  Credit any overpayments  
 under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.

## FEE CALCULATION

### 1. EXTRA CLAIM FEES

|                       |   | Extra<br>Claims | Fee from<br>below                | Fee Paid                              |
|-----------------------|---|-----------------|----------------------------------|---------------------------------------|
| Total Claims          | 6 | 20**            | = <input type="text" value="0"/> | = <input type="text" value="\$0.00"/> |
| Independent<br>Claims | 1 | 3**             | = <input type="text" value="0"/> | = <input type="text" value="\$0.00"/> |
| Multiple Dependent    |   |                 |                                  |                                       |

Large Entity      Small Entity

| Fee<br>Code         | Fee<br>(\$) | Fee<br>Code | Fee<br>(\$) | Fee Description   |
|---------------------|-------------|-------------|-------------|---|
| 1202                | 50          | 2202        | 25          | Claims in excess of 20                                    |
| 1201                | 200         | 2201        | 100         | Independent claims in excess of 3                         |
| 1203                | 360         | 2203        | 180         | Multiple Dependent claim, if not paid                     |
| 1204                | 300         | 2204        | 150         | **Reissue independent claims over original patent         |
| 1205                | 300         | 2205        | 150         | **Reissue claims in excess of 20 and over original patent |
| <b>SUBTOTAL (1)</b> |             | (\$)        |             | 0.00  |

\*or number previously paid, if greater, For Reissues, see below

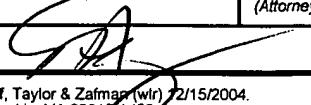
### 2 ADDITIONAL FEES

Large Entity      Small Entity

| Fee<br>Code         | Fee<br>(\$) | Fee<br>Code         | Fee<br>(\$) | Fee Description  | Fee Paid |
|---------------------|-------------|---------------------|-------------|--|----------|
| 1051                | 130         | 2051                | 65          | Surcharge - late filing fee or oath                              |          |
| 1052                | 50          | 2052                | 25          | Surcharge - late provisional filing fee or cover sheet           |          |
| 2053                | 130         | 2053                | 130         | Non-English specification  |          |
| 1251                | 120         | 2251                | 60          | Extension for reply within first month                           |          |
| 1252                | 450         | 2252                | 225         | Extension for reply within second month                          |          |
| 1253                | 1,020       | 2253                | 510         | Extension for reply within third month                           |          |
| 1254                | 1,590       | 2254                | 795         | Extension for reply within fourth month                          |          |
| 1255                | 2,160       | 2255                | 1,080       | Extension for reply within fifth month                           |          |
| 1401                | 500         | 2401                | 250         | Notice of Appeal   |          |
| 1402                | 500         | 2402                | 250         | Filing a brief in support of an appeal                           |          |
| 1403                | 1,000       | 2403                | 500         | Request for oral hearing   |          |
| 1451                | 1,510       | 2451                | 1,510       | Petition to institute a public use proceeding                    |          |
| 1460                | 130         | 2460                | 130         | Petitions to the Commissioner                                    |          |
| 1807                | 50          | 1807                | 50          | Processing fee under 37 CFR 1.17(q)                              |          |
| 1806                | 180         | 1806                | 180         | Submission of Information Disclosure Stmt                        |          |
| 1809                | 790         | 1809                | 395         | Filing a submission after final rejection (37 CFR § 1.129(a))    |          |
| 1810                | 790         | 2810                | 395         | For each additional invention to be examined (37 CFR § 1.129(b)) |          |
| Other fee (specify) |             | <b>SUBTOTAL (2)</b> |             | (\$)   |          |

## SUBMITTED BY

Complete (if applicable)

|                   |   |                                      |        |           |                |
|-------------------|---|--------------------------------------|--------|-----------|----------------|
| Name (Print/Type) | Eric S. Hyman   | Registration No.<br>(Attorney/Agent) | 30,139 | Telephone | (310) 207-3800 |
| Signature         |  |                                      |        | Date      | 12/21/04       |

Based on PTO/SB/17 (12-04) as modified by Blakely, Sokoloff, Taylor & Zafman (wir) 12/15/2004.  
 SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450



PATENT  
Attorney's Docket No. 51876P349

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: ) Examiner: **A, Minh D.**  
**Haeng Sook RO, Soon Ik JEON, and** ) Art Group: **2821**  
**Jong Suk CHAE** )  
Serial No. 10/618,542 )  
Filed: July 11, 2003 )  
For: **MICROSTRIP PATCH ARRAY** )  
  **ANTENNA FOR SUPPRESSING SIDE** )  
  **LOBES** )

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Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT AND RESPONSE TO OFFICE ACTION**

In response to the Office Action mailed September 21, 2004, in connection with the above-referenced patent application, Applicants respectfully request entry of the following amendments and consideration of the attached remarks.